



January 15, 1997

**Merric M. Cavanaugh**  
Attorney

**Ms. Paula Mueller**  
Secretary of the Commission  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
Austin, Texas 78701

**Re: Docket Nos. 16189, 16196, 16226, 16285 and 16290**

**Dear Ms. Mueller:**

Enclosed for filing is the original and thirty (30) copies of Southwestern Bell Telephone Company's ("SWBT") January Progress Report for Electronic Interfaces. In filing this report as required by Award paragraph 25, SWBT does not waive any legal arguments that the Arbitration Award and resulting "Agreements" are in whole or in part, unlawful, and SWBT has reserved its right to appeal or seek review of the actions of Texas or federal legislative bodies, courts, or regulatory agencies of competent jurisdiction.

Sincerely,

A handwritten signature in cursive script, appearing to read "Merric M. Cavanaugh".

**Merric M. Cavanaugh**  
Attorney

**Enclosures**

**cc: Honorable Kathleen Hamilton, ALJ, PUC (hand delivered)**  
**Bill Magness, Office of Policy Development, PUC (hand delivered)**  
**Vicki Oswalt, Office of Policy Development, PUC (hand delivered)**  
**Carole Vogel, Office of Regulatory Affairs, PUC (hand delivered)**  
**Kevin Zarling, Assistant Director-Legal Division, PUC (hand delivered)**  
**Central Records, PUC (hand delivered)**  
**All Parties of Record (hand delivered)**

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**SOUTHWESTERN BELL'S JANUARY PROGRESS REPORT**  
**FOR ELECTRONIC INTERFACES**

Attached are the status reports for the electronic interfaces for Resale and for Unbundled Network Elements.

In filing this report as required by Award Paragraph 25, SWBT does not waive any legal arguments that the Arbitration Award and resulting "Agreements" are, in whole or in part, unlawful, and SWBT reserves its right to appeal or seek review of the actions of Texas or federal legislative bodies, courts, or regulatory agencies of competent jurisdiction.

SWBT'S 1/15 Filing

**STATUS REPORT ON ELECTRONIC PRE-ORDER AND ORDERING AND PROVISIONING AVAILABILITY FOR RESALE**

<b>FUNCTION (from AT&amp;T Exhibit 15A)</b>	<b>SWBT AVAILABILITY (from AT&amp;T Exhibit 15A)</b>	<b>SWBT STATUS REPORT AS OF JANUARY 15, 1997</b>
		<b>RESALE</b>
<b>PRE-ORDER</b>		
Address Verification	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Service/Features Availability	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Telephone Number Assignment	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Dispatch Schedule	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Due Date	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Customer Service Record (CSR)	1/1/97C	This functionality is in development with internal testing scheduled for completion prior to 3-1-97.
<b>POTS ORDERING &amp; PROVISIONING</b>		
Migration (Convert Customer As Is)	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs. Recap of end-user's S&E to be supplied by LSP.
Migration With Changes (Convert with changes)	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs. Recap of end-user's S&E to be supplied by LSP.

- Add/Disc Class Features	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs. Supports all feature codes currently agreed to with AT&T.
- Add/Disc Blocking (1+, 0+, 011)	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
- PIC and PIC Freeze	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
- Add/Disc Essential Lines	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
- Add/Disc Additional Lines	1/1/97C	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
- Directory Listing Changes	2/1/97C	EDI mapping requirements for straight-line directory listings received from AT&T on 1-13-97.
Partial Migration (Line/WTN vs. Account Level)	4/1/97- 7/1/97T	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. Joint meeting is scheduled for Jan 17 to discuss.
New connects		
- Single Line	2/1/97C	Pending development and testing of directory listing logic based on EDI mapping requirements received from AT&T on 1-13-97.
- Multi-Line (Less Than 30 Lines)	2/1/97C	Pending development and testing of directory listing logic based on EDI mapping requirements received from AT&T on 1-13-97.
- Projects (Large Job - add'l facilities/coordinated work effort required - need SWBT criteria)	7/1/97T	Pre-order information must be requested prior to sending a firm order via EDI. Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Disconnects	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.

Change Orders			
- Add/Disc Class Features	3/1-4/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- Simple Number Change	3/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- Add/Disc Blocking	3/1-4/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- PIC and Local PIC Change	4/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- Add/Disc Essential Lines	3/1-4/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- Add/Disc Additional Changes	3/1-4/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- Directory Listing Changes	4/1/97C		Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.
- Suspend/Restore Non-Payment	1/1/97		Development of this functionality is complete. SW/B internal testing completed. Ready for testing by LSPs.
- Suspend/Restore Vacation Svc.	1/1/97		Development of this functionality is complete. SW/B internal testing completed. Ready for testing by LSPs.
Records Only Order	4/1/97C		Will complete at same time as change orders.
T&F Order	4/1/97C		Pending definition of business scenarios and subsequent changes to accommodate those scenarios.

<b>NON-POTS SERVICE ORDERS</b>		For each order type below, except for Semi-Public Phones, SWBT continues to be concerned about the difficulties of establishing an electronic interface which would support all the numerous codes required for these unique and extremely complex order types. Because each order is unique to a particular customer, SWBT inputs these orders manually by specially trained service order writers.
PBX Trunks	6/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
DID Trunks	6/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Plexar	7/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Digiline/ISDN	7/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Semi-Public Phones	1/1/97C	AT&T has agreed to obtain the additional feature codes needed for this service.
MegaLink (T1.5)	7/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
<b>OTHER - SERVICE ORDER COMPONENTS</b>		
Multi-Line Hunting	4/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Preferential Hunting	3/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Transfer of Calls - Network Intercept	1/1/97	Development of TFC associated with D ord functionality is complete. SWB internal testing completed. Ready for testing by LSPs. TFC associated with C ord - date C order flows are implemented. TFC associated with T&F - date T&F order flows are implemented.

Toll Billing Exception (alternatively billed calls)	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Handicap Services	1/1/97	Handicap services on C orders and N orders will be effective when those order types are implemented.
ComCall	4/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.
Future Expected Delivery Date (EDD)	4/1/97C	
Conversion When Final Bill Address Is Foreign PO	4/1/97C	
<b>DIRECTORY LISTINGS</b>		
Directory Listing (Straight Line)		
- White	2/1/97C	Pending development and testing of directory listing logic based on EDI mapping requirements received from AT&T on 1-13-97.
- Yellow	N/A	
Directory Listing Other Than Straight Line		
- White	2/1/97C	EDI mapping must be completed.
- Yellow	N/A	
Directory Order Changes Prior to Publishing		
- White	N/A	
- Yellow	N/A	

Directory White Pages (Non-SWBT Areas)	N/A	
Directory Expedite		
- White	N/A	
- Yellow	N/A	
POST SERVICE ORDER EDI TRANSACTIONS		
Supplemental Orders		
Firm Order Confirmation (POC)	4/1/97C	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Jeopardies	?	SWBT does not have "jeopardy" reporting capabilities for it's own service orders. However, development of a Past Due Report is underway for 4-1-97 availability.
Rejects	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Order Completion	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.



## Status Report on Electronic Interfaces for Unbundled Network Elements

### Pre-Order:

Address Verification	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Service/Features Availability	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Telephone Number Assignment	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.
Customer Service Record (CSR)	1/1/97C	This functionality is in development with internal testing scheduled for completion prior to 3-1-97.

Note: The above provider capabilities are the same for UNE as for Resale.

### Ordering:

SWBT has developed an EDI electronic interface to receive Local Service Requests for Unbundled Network Elements (UNE). This interface also electronically responds to the LSP with acknowledgments (including error conditions if applicable), Firm Order Confirmations and Service Order Completion notices. Effective 1/2/97, SWBT is ready for LSP testing of this interface. SWBT's UNE EDI interface is based on OBE/EDI national standards current with OBE definitions in final closure as of 1/2/97. This interface currently supports the ordering of Local Loop, Local Loop with Letterin Number Portability, Letterin Number Portability and Switch Ports for the following activity types: new connect, change, disconnect, inside move, outside move, records change and conversion to new LSP.

**EXHIBIT ND-4**

**AT&T FEBRUARY 12, 1997 RESPONSE TO  
SWBT JANUARY PROGRESS REPORT TO  
TEXAS PUC ON ELECTRONIC INTERFACES**



Thomas C. Pelto  
Chief Regulatory Counsel

February 12, 1997

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FAX: 512 370-2096

Ms. Paula Mueller  
Secretary of the Commission  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
Austin, TX 78701

**Re: Docket No. 16226 - Status of Electronic Interfaces**

Dear Ms. Mueller:

AT&T has reviewed the SWBT January 15, 1997, progress report regarding electronic interfaces for total services resale and compared SWBT's report to the current state of the detailed implementation negotiations currently in progress between AT&T and SWBT. We wish SWBT's report accurately reflected the status, but there are numerous areas where the reported progress is substantially exaggerated.

In its status report, SWBT indicated that in several areas it has completed development and these areas provide functions that are available for LSPs to test. Although this may be the case for five of the six pre-ordering functions and a very limited number of ordering/provisioning functions, the vast majority of the ordering/provisioning functions and order types remain unresolved from a requirements definition perspective. The ordering and provisioning area is where AT&T and SWBT have significant differences of opinion with respect to the availability of the required functionality and order types for both Resale and Unbundled Elements. From a timeline perspective it is important to note that the following dates have been agreed to between AT&T and SWBT for issue closure:

1. AT&T and SWBT are currently working to resolve implementation issues for business POTS services. These implementation issues were scheduled to be resolved by February 7, 1997. The issues that were still outstanding as of February 7, 1997, were escalated to the AT&T and SWBT executive leadership teams and closure of these issues has been deferred until end-of-business today.
2. AT&T and SWBT have agreed to resolve the unresolved implementation issues associated with the consumer interfaces not later than February 21, 1997.
3. AT&T and SWBT have agreed to resolve the unresolved implementation issues associated with complex business (PBX/DID trunks) services by February 28, 1997.

Ms. Paula Mueller  
February 12, 1997  
Page 2

Resolution of the unresolved issues from a requirements perspective is but the first step in the process, one which must be resolved before development and testing can begin. It is not until the technical teams from both AT&T and SWBT have reached agreement on requirements that the systems development teams from each Company can determine how to code and develop the systems modifications necessary to implement the requirements. With requirements definition not scheduled to be completed for POTS and DID/PBX services until February 28, 1997, SWBT's reported status of "development complete" for numerous ordering/provisioning functions/order types is simply inaccurate. When developing interfaces between and among systems and Companies, it is critical that requirements be mutually agreed upon in order for the interface to be functional when deployed; a unilateral approach to systems requirements definition and development will not result in an "interface" that will be functional between two Companies.

A side-by-side analysis of AT&T's status as of SWBT's January 15, 1997, progress report as of this date is attached. While not included herein, AT&T and SWBT are tracking a list of unresolved issues worked by the technical teams. The list of disputed issues reflect the detailed issues that require resolution in order to resolve the higher level ordering/provisioning functionality and order type issues that are unresolved at this time.

In summary, there is still considerable work to be completed between the Parties to implement the electronic interfaces for Resale. Progress in the area of Resale is being made, but the going has been slow as the Parties work together to resolve the open issues.<sup>1</sup> In contrast, the Parties are at the very early stages of implementation discussions with respect to defining the requirements necessary for UNE electronic operational interfaces.

AT&T will present a person with knowledge of the status of the discussions and who is ready to answer any questions relating to this response, SWBT's January 15th status report, as well as the then current status of all ordering, provisioning and support systems issues for both Resale and Unbundled Elements, at the "status report" session scheduled for February 28, 1997.

Sincerely,



Thomas C. Pelto  
Chief Regulatory Counsel

cc: Ms. Kathleen Hamilton, Administrative Law Judge, PUC  
Ms. Carol Vogel, Director, Office of Regulatory Affairs, PUC  
Ms. Vicki Oswalt, Director, Office of Policy Development, PUC  
Mr. Bill Magness, Chief Counsel, Office of Policy Development, PUC  
All Parties of Record to Consolidated Arbitration Proceedings

Attachment

<sup>1</sup> In fact, because of the jeopardies around joint testing of EDI interfaces, AT&T is currently reevaluating SWBT's proprietary "EASE" system to support its initial resale entry, at least for residential and non-complex business orders.

# **STATUS REPORT ON ELECTRONIC PRE-ORDER AND ORDERING AND PROVISIONING AVAILABILITY FOR RESALE**

<b>FUNCTION (from AT&amp;T Exhibit 15A)</b>	<b>SWBT AVAILABILITY (from AT&amp;T Exhibit 15A)</b>	<b>SWBT STATUS REPORT AS OF JANUARY 15, 1997</b>	<b>AT&amp;T VIEW OF SWBT JANUARY 15, 1997 STATUS AS OF 2/12/97</b>
<b>PRE-ORDER - Resale</b>		<b>RESALE</b>	
Address Verification	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	SWBT has advised AT&T that it completed its internal DATAGATE development to access its legacy systems to provide the pre-order functions of address verification, services/features available, telephone number assignment, dispatch scheduling and due date assignment via an electronic interface. AT&T believes that these functions were made available by SWBT on January 16, 1997 for testing. AT&T has ordered and provisioned the physical connectivity (T1.5) to be used for testing between it and SWBT. However, SWBT has not turned-up this circuit pending AT&T's agreement on SWBT's proposed OSS prices, which were first presented to AT&T on February 10, 1997. AT&T and SWBT will mutually develop testing plans and schedules once this connectivity issue is resolved.
Service/Features Availability	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	
Telephone Number Assignment	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	
Dispatch Schedule	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	
Due Date	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	
Customer Service Record (CSR)	1/1/97C	This functionality is in development with internal testing scheduled for completion prior to 3-1-97.	CSR in English language development not yet complete and/or available for testing.

<b>POTS ORDERING &amp; PROVISIONING - Migrations - Resale</b>			
<b>Migration (Convert Customer As Is)</b>	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs. Recap of end-user's S&E to be supplied by LSP.	Prior to 2/6/97 SWBT's account structure did not allow for LSPs to migrate customers with multiple lines on a single order and provide a corresponding single FOC and completion. The process to include multiple lines on a single order, FOC and completion has been approved by the OBF, agreed to between AT&T and other RBOCs (BellSouth, Bell Atlantic, NYNEX, Pacific Bell and SNET) and agreed to between AT&T and SWBT in its Interconnection agreement. SWBT agreed to accept a single service order request with multiple lines provided all lines have the same due date on 2/6/97. AT&T agreed to a workaround to provide separate requests for any lines with differing due dates. The single FOC and completion issues continue to be unresolved (see FOC/completion).
<b>Migrate With Changes (Convert with changes)</b>	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs. Recap of end-user's S&E to be supplied by LSP.	Prior to 2/6/97 SWBT's account structure did not allow for LSP's to migrate customers with multiple lines on a single order and provide a corresponding single FOC and completion. The process to include multiple lines on a single order, FOC and completion has been approved by the OBF, agreed to between AT&T and other RBOCs (BellSouth, Bell Atlantic, NYNEX, Pacific Bell and SNET) and agreed to between AT&T and SWBT in its Interconnection agreement. SWBT agreed to accept a single service order request with multiple lines provided all lines have the same due date, on 2/6/97. AT&T agreed to a workaround to provide separate requests for any lines with differing due dates. The single FOC and completion issues continue to be unresolved (see FOC/completion).

**POTS ORDERING & PROVISIONING - Migrations - Resale (continued)**

- Add/Disc Class Features	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs. Supports all feature codes currently agreed to with AT&T.	OBF has not yet defined feature codes for all USOCs and FIDs. Pending OBF finalization, AT&T has agreed to use SWBT's USOCs and FIDs. SWBT must provide AT&T the FIDs and mapping logic to correspond to SWBT's approximately 1,200 USOCs for AT&T and SWBT interface development. AT&T made this concession on 2/3/97. Modifications to this interface to support industry standard feature codes will be required of both Parties once the OBF standards are finalized.
Add/Disc Blocking (1+, 0+, 011)	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	Status is the same as migration. Account structure issue resolved 2/6/97. Requirement definition must be confirmed and development initiated by both companies.
PIC and PIC Freeze	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	Status is the same as migration. Account structure issue resolved 2/6/97. Requirement definition must be confirmed and development initiated by both companies.
Add/Disc Essential Lines	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	Status is the same as migration. Account structure issue resolved 2/6/97. Requirement definition must be confirmed and development initiated by both companies.
Add/Disc Additional Lines	1/1/97C	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	Status is the same as migration. Account structure issue resolved 2/6/97. Requirement definition must be confirmed and development initiated by both companies.
Directory Listing Changes	2/1/97C	EDI mapping requirements for straight-line directory listing received from AT&T on 1-13-97.	There are numerous open issues on directory listings. These issues are scheduled to be closed by 2/28 in order for requirements to be defined and development initiated.
Partial Migration (Line/WTN vs. Account Level)	4/1/97-7/1/97T	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. Joint meeting is scheduled for Jan 17 to discuss.	SWBT's account structure did not provide the functionality necessary for partial migrations. SWBT's account structure was rejected by the OBF (#1328) and an OBF standard account structure was agreed to by SWBT on 2/6/97. Development can now be pursued.

**POTS ORDERING & PROVISIONING (continued)**

<b>New connects - POTS - Resale</b>			
- Single Line	2/1/97C	Pending development and testing of directory listing logic based on EDI mapping requirements received from AT&T on 1-13-97.	AT&T and SWBT have reached agreement on the basic multi-line ordering requirements. However, there are numerous open issues on directory listings. These issues are scheduled to be closed by 2/28 in order for requirements to be defined and development initiated.
- Multi-Line (Less Than 30 Lines)	2/1/97C	Pending development and testing of directory listing logic based on EDI mapping requirements received from AT&T on 1-13-97.	AT&T and SWBT have reached agreement on the basic single line ordering requirements. However, there are numerous open issues on directory listings. These issues are scheduled to be closed by 2/28 in order for requirements to be defined and development initiated.
- Projects (Large Job - add'l facilities/coordinated work effort required - need SWBT criteria)	7/1/97T	Pre-order information must be requested prior to sending a firm order via EDI. Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT have not yet started detailed implementation negotiations for large projects.
Disconnects	1/1/97	Development of this functionality is complete. SWB internal testing completed. Ready for testing by LSPs.	AT&T and SWBT have reached agreement on the disconnect requirements. Disconnect functionality cannot be tested until ordering functionality is developed, available and testing is initiated to establish a line. A line must be established to test disconnect.



**POTS ORDERING & PROVISIONING (continued)**

<b>Change Orders - POTS - Resale</b>			
- Add/Disc Class Features	3/1-4/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	There are numerous issues that remain open in the area of change order functionality. AT&T and SWBT have scheduled meetings to resolve the unresolved issues during the week of 2/17/97.
- Simple Number Change	3/1-4/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	
- Add/Disc Blocking	3/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	
- PIC and Local PIC Change	4/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	
- Add/Disc Essential Lines	3/1-4/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	
- Add/Disc Additional Changes	3/1-4/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	
- Directory Listing Changes	4/1/97C	Pending definition of business scenarios and subsequent changes necessary to accommodate those scenarios. EDI mapping must be completed.	
- Suspend/Restore Non-Payment	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	AT&T and SWBT have reached agreement on the suspend/restore requirements. Suspend/restore functionality cannot be tested until ordering functionality is developed, available and testing is initiated to establish lines. Lines must be established to test suspend/restore.
- Suspend/Restore Vacation Svc.	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	AT&T and SWBT have reached agreement on the suspend/restore requirements. Suspend/restore functionality cannot be tested until ordering functionality is developed, available and testing is initiated to establish lines. Lines must be established to test suspend/restore.

**POTS ORDERING & PROVISIONING (continued)**

Records Only Order	4/1/97C	Will complete at same time as change orders.	Records only order unresolved issues are open and scheduled to be negotiated during the week of 2/17/97.
To & From	4/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	To & From order unresolved issues are open and scheduled to be negotiated during the week of 2/17/97.
<b>NON-POTS SERVICE ORDERS - Resale</b>		For each order type below, except for Semi-Public Phones, SWBT continues to be concerned about the difficulties of establishing an electronic interface which would support all the numerous codes required for these unique and extremely complex order types. Because each order is unique to a particular customer, SWBT inputs these orders manually by specially trained service order writers.	AT&T and SWBT have agreed to resolve unresolved issues to establish electronic interfaces by 2/28/97 for PBX and DID trunks. AT&T is expecting fully electronic interfaces to support the ordering and provisioning services as ordered by the TX PUC with manual processing fully eliminated.
PBX Trunks	6/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT have reached agreement to resolve unresolved issues for PBX and DID trunks by 2/28/97. Once these issues are resolved, requirements will be defined and development initiated.
DID Trunks	6/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	
Plexar	7/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT agreed to negotiate these interfaces after POTS and PBX/DID trunk issues are resolved.
Digiline/ISDN	7/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT agreed to negotiate these interfaces after POTS and PBX/DID trunk issues are resolved.
Semi-Public Phones	1/1/97C	AT&T has agreed to obtain the additional feature codes needed for this service.	Requirements definition work is currently being finalized.
MegaLink (T1.5)	7/1/97T	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT agreed to negotiate these interfaces after POTS and PBX/DID trunk issues are resolved.
<b>OTHER - SERVICE ORDER COMPONENTS - Resale</b>			
Mult-Line Hunting	4/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT have reached agreement to resolve unresolved hunting issues by 2/28/97. Once these issues are resolved, requirements will be defined and development initiated.

**OTHER - SERVICE ORDER COMPONENTS - Resale (continued)**

Preferential Hunting	3/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	AT&T and SWBT have reached agreement to resolve unresolved hunting issues by 2/28/97. Once these issues are resolved, requirements will be defined and development initiated.
Transfer of Calls - Network Intercept	1/1/97	Development of TFC associated with D ord functionality is complete. SWB internal testing completed. Ready for testing by LSPs. TFC associated with C ord = date C order flows are implemented. TFC associated with T&F = date T&F order flows are implemented.	Intercept announcement issues remain unresolved and are scheduled to be resolved by 2/21 for consumer and 2/28 for business. Upon resolution, requirements will be defined and development initiated.
Toll Billing Exceptions (alternatively billed calls)	1/1/97	Development of functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	AT&T and SWBT have resolved requirements definition work. Line ordering test plans must be developed and initiated to test this functionality.
Handicap Services	1/1/97	Handicap services on C orders and N orders will be effective when those order types are implemented.	AT&T and SWBT have resolved requirements definition work. Line ordering test plans must be developed and initiated to test this functionality.
ComCall	4/1/97C	Pending definition of business scenarios and subsequent changes to accommodate those scenarios.	Unresolved issues are scheduled to be resolved during the week of 2/17/97.
Future Expected Delivery Date (EDD)	4/1/97C		Unresolved issues are scheduled to be resolved during the week of 2/17/97.
Conversion When Final Bill Address is Foreign PO	4/1/97C		Unresolved issues are scheduled to be resolved during the week of 2/17/97.

<b>DIRECTORY LISTINGS - Resale</b>			
<b>Directory Listings (Straight Line)</b>			
- White	2/1/97C	Pending development and testing of directory listing logic based on EDI mapping requirements received from AT&T on 1-13-97.	There are numerous open issues on directory listings. These issues are scheduled to be closed by 2/28 in order for requirements to be defined and development initiated.
- Yellow	N/A		N/A
<b>Directory Listing Other Than Straight Line</b>			
- White	2/1/97C	EDI mapping must be completed.	There are numerous open issues on directory listings. These issues are scheduled to be closed by 2/28 in order for requirements to be defined and development initiated.
- Yellow	N/A		N/A
<b>Directory Order Changes Prior to Publishing</b>			
- White	N/A		There are numerous open issues on directory listings. These issues are scheduled to be closed by 2/28 in order for requirements to be defined and development initiated.
- Yellow	N/A		N/A
<b>Directory White Pages (Non- SWBT Areas)</b>	N/A		N/A
<b>Directory Expedite</b>			
- White	N/A		N/A
- Yellow	N/A		N/A

<b>POST SERVICE ORDER EDI TRANSACTIONS - Resale</b>			
<b>Supplemental Orders</b>			
<b>Firm Order Confirmation (FOC)</b>	4/1/97C	Development of this functionality is complete. SWBT internal testing is completed. Ready for testing by LSPs.	SWBT has not agreed to provide a single FOC for order requests with multiple lines as approved by the OBF, agreed to between AT&T and other RBOCs and included in the AT&T/SWBT Interconnection Agreement. SWBT response is due on 2/12/97. Development cannot be initiated until this issue is resolved.
<b>Jeopardies</b>	?	SWBT does not have "jeopardy" reporting capabilities for it's own service orders. However, development of a Past Due Report is underway for 4-1-97 availability.	This issue was resolved on 2/10/97. On 2/10/97 SWBT agreed to provide the OBF 855 transaction to AT&T in response to an AT&T generated 850 ordering transaction if the due date is in jeopardy or has been missed. AT&T will negotiate a new due date with its customer and communicate the new due date to SWBT via a supplemental order (860) EDI transaction code. SWBT has agreed to accept the 860 record and is no longer proposing that AT&T accept a report summarizing jeopardies and missed due dates at the end of each day in lieu of providing these industry standard transactions.
<b>Rejects</b>	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	This issue was discussed on 2/10/97, wherein: <ul style="list-style-type: none"> <li>• AT&amp;T agreed to further assess its internal processes. Status and closure of AT&amp;T analysis due 2/12/97.</li> <li>• SWBT agreed to discuss with AT&amp;T and consider edit relaxation for a short transitional period at the time of implementation to accommodate training</li> </ul>
<b>Order Completions</b>	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	SWBT has not agreed to provide a single completion for order requests with multiple lines as approved by the OBF, agreed to between AT&T and other RBOCs and included in the AT&T/SWBT Interconnection Agreement. SWBT response is due on 2/12/97.

<b>PRE-ORDER -UNE</b>			
Address Verification	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	SWBT has advised AT&T that it completed its internal DATAGATE development to access its legacy systems to provide the pre-order functions of address verification, services/features available and, telephone number via an electronic interface. AT&T believes that these functions were made available by SWBT on January 16, 1997 for testing.* AT&T has ordered and provisioned the physical connectivity (T1.5) to be used for testing between it and SWBT. However, SWBT has not turned-up this circuit pending AT&T's agreement on SWBT's proposed OSS costs introduced to AT&T on February 10, 1997. AT&T and SWBT will mutually develop testing plans and schedules once the connectivity issue is resolved.
Services/features Availability	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	
Telephone Number Assignment	1/1/97	Development of this functionality is complete. SWBT internal testing completed. Ready for testing by LSPs.	
Customer Service Record (CSR)	1/1/97C	This functionality is in development with internal testing scheduled for completion prior to 3-1-97.	CSR in English language development not yet complete and/or available for testing.
<b>ORDERING - UNE</b>	1/1/97C	See Note*	

Note: The above preorder capabilities are the same for UNE as for Resale.

**AT&T NOTE: PRE-ORDER CAPABILITIES OFFERED BY SWBT ARE NOT THE SAME FOR UNE AS TSR. SWBT HAS NOT AGREED TO PROVIDE DISPATCH AND DUE DATE FUNCTIONALITY FOR UNE.**

- SWBT has developed an EDI interface to receive Local Service Requests for Unbundled Network Elements (UNE). This interface also electronically responds to the LSP with acknowledgments (including error conditions if applicable), Firm Order Confirmations and Service Order Completion notices. Effective 1/2/97, SWBT is ready for LSP testing of this interface. SWBT's UNE EDI Interface is based on OBF/EDI national standards current with OBF definitions in final closure as of 1/2/97. This interface currently supports the ordering of the Local Loop, Local Loop with Interim Number Portability, Interim Number Portability and Switch Ports for the following activity types: new connect, change, disconnect, inside move, outside move, records change and conversion to new LSP.

**\*AT&T NOTE: AT&T AND SWBT HAVE NOT YET NEGOTIATED THE DETAILED ISSUES AND REQUIREMENTS NECESSARY TO ORDER/PROVISION UNBUNDLED NETWORK ELEMENTS IN ANY COMBINATION, WITHOUT RESTRICTION, AND WITHOUT CUSTOMER DISCONNECTION ON "AS IS" ORDERS.**

Exhibit ND-5  
13 Pages

**EXHIBIT ND-5**  
**AT&T/SWBT/MCI FEBRUARY 28, 1997**  
**REPORT TO TEXAS PUC ON**  
**STATUS OF REAL-TIME ELECTRONIC INTERFACES**

RECEIVED  
27 FEB 28 PM 2:42  
PUBLIC UTILITY COMMISSION  
FILING CLERK



Suite 1500  
919 Congress Avenue  
Austin, Texas 78701-2444

February 28, 1997

Ms. Paula Mueller  
Secretary of the Commission  
Public Utility Commission of Texas  
1701 N. Congress Avenue  
Austin, TX 78701

Re: Docket No. 16226 - Status of Real-time Electronic Interfaces

Dear Ms. Mueller:

As required by Judge Hamilton's February 20 Order, attached is Southwestern Bell Telephone Company's (SWBT) and AT&T's joint written report regarding the status of implementation of real-time electronic interfaces that will allow AT&T to perform preordering, ordering and provisioning for both resale and unbundled elements (UNE).<sup>1</sup> The scope of the joint report is limited to implementation of the interfaces, functions and order types listed in AT&T Exh. 15A. As such, the report does not reflect the totality of the current status of electronic interface discussions between SWBT and AT&T. Specifically, issues associated with the repair, maintenance and billing interfaces; issues being discussed in ongoing negotiations; and discussions relating to interim utilization of certain of SWBT's proprietary interfaces, in lieu of industry standard EDI interfaces, are not addressed by this report.<sup>2</sup> In addition, although negotiations are in progress and continuing regarding UNE, there is minimal detail included in the area of ordering and provisioning. The Parties continue to disagree over the proper interpretation of the Arbitration Award with respect to the applicability of AT&T Exh. 15A to UNE ordering and provisioning.

At this time, because of the slightly delayed schedule associated with the filing and approval of its interconnection agreement with SWBT, MCI has not yet engaged in the same type of detailed discussions that AT&T and SWBT have been engaged in, and therefore, MCI is not in a position to comment on the joint written status report at this time. Also, SWBT has informed MCI that until MCI signs an interconnection agreement, SWBT

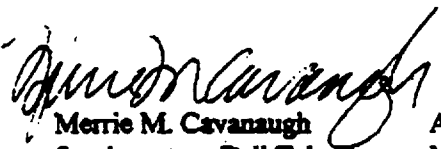
<sup>1</sup> In filing this report required by Award paragraph 25, SWBT does not waive any legal arguments that the Arbitration Award, associated orders and resulting "Agreements" are in whole or in part, unlawful, and SWBT has reserved its rights to appeal or seek review of the actions of Texas or federal legislative bodies, courts, or regulatory agencies of competent jurisdiction.

<sup>2</sup> For example, AT&T is agreeable to using SWBT's proprietary "EASE" system to support its initial resale entry for residential services and continues to reevaluate use of SWBT's proprietary "EASE" system to support its initial resale entry for non-complex business services.



Ms. Paula Mueller  
February 28 1997  
Page 2

will not permit MCI to begin the testing phase of electronic interfacing for pre-ordering, ordering, and provisioning. MCI and SWBT intend on meeting in the near future to discuss in more detail implementation of electronic interfaces.

  
Merrie M. Cavanaugh  
Southwestern Bell Telephone  
Company

  
Alfred R. Herrera by TLP  
MCI

  
Thomas C. Pelto  
AT&T

cc: Ms. Kathleen Hamilton, Administrative Law Judge, PUC  
Ms. Carol Vogel, Director, Office of Regulatory Affairs, PUC  
Ms. Vicki Oswalt, Director, Office of Policy Development, PUC  
Mr. Bill Magness, Chief Counsel, Office of Policy Development, PUC  
All Parties of Record to Consolidated Arbitration Proceedings

Attachment